

*AMENDMENTS TO THE CLAIMS*

This listing of claims replaces all prior versions, and listings, of claims in the application.

1. (Currently Amended) A filter element comprising a dimensionally stable porous ceramic formed body with a porous ceramic membrane layer over the ceramic formed body, the porous ceramic formed body having a wall defining an interior that forms a space for unfiltered fluid or a filtrate space, and a porous or perforated ceramic formed body insert in the interior and spaced apart from the wall to provide an intermediate space, wherein the interior of the formed body includes intermediate space between the dimensionally stable porous formed body and the formed body insert is filled with a bulk catalyst material or a bulk material that is coated with catalyst material and the interior of the formed body includes an open flow channel.

Claims 2-6 (Cancelled).

7. (Currently Amended) The filter element according to Claim 1, wherein the bulk ~~uncoated~~ material comprises ceramic fibers or expanded ceramics.

8. (Currently Amended) The filter element according to Claim 1, wherein the bulk ~~uncoated~~ material comprises metallic fibers or expanded metals.

9. (Currently Amended) The filter element according to Claim 1, wherein the bulk ~~uncoated~~ material comprises plastic fibers or expanded plastics.

10. (Currently Amended) The filter element according to Claim ~~2~~1, wherein the dimensionally stable porous formed body has a cylindrical or rectangular configuration and the interior is closed on one side, and wherein the formed body insert comprises a tube that is open on one or both sides.

11. (Currently Amended) The filter element according to Claim ~~6~~21, wherein the dimensionally stable porous formed body has a cylindrical or rectangular configuration and

the interior is closed on one side, and wherein the catalyst body comprises a tube that is open on one or both sides.

12. (Currently Amended) The filter element according to Claim ~~2~~1, wherein the dimensionally stable porous formed body has a cylindrical configuration and the interior is open on both sides, and wherein the formed body insert comprises a tube that is open on both sides.

13. (Currently Amended) The filter element according to Claim ~~6~~21, wherein the dimensionally stable porous formed body has a cylindrical configuration and the interior is open on both sides, and wherein the catalyst body comprises a tube that is open on both sides.

14. (Currently Amended) The filter element according to Claim ~~2~~1, wherein the dimensionally stable porous formed body has a disk-shaped configuration and includes a peripheral wall, a bottom wall and a top wall which enclose a disk-shaped interior, wherein an inlet or outlet opening is respectively provided in the bottom wall and in the top wall, and wherein the formed body insert represents a smaller version of the disk-shaped formed body .

15. (Currently Amended) The filter element according to Claim ~~6~~21, wherein the dimensionally stable porous formed body has a disk-shaped configuration and includes a peripheral wall, a bottom wall and a top wall which enclose a disk-shaped interior, wherein an inlet or outlet opening is respectively provided in the bottom wall and in the top wall, and wherein the catalyst body represents a smaller version of the disk-shaped formed body .

16. (Currently Amended) The filter element according to Claim 1, wherein the catalyst material comprises one or more oxides or mixed oxides of rare earths and/or one or more aluminates and/or of one or more silicates and/or one or more titanates or titanium dioxides.

17. (Previously Presented) The filter element according to Claim 1, wherein the catalyst material comprises calcium aluminate.

18. (Previously Presented) The filter element according to Claim 1, wherein the catalyst material is modified with catalyst promoters.

19. (Previously Presented) The filter element according to Claim 18, wherein the catalyst material is doped with catalytically active precious metals or non-precious metals.

20. (Previously Presented) The filter element according to Claim 19, wherein the catalyst material is doped with platinum, palladium, rhodium, gold, silver, nickel, copper, manganese, vanadium, tungsten and/or cobalt.

21. (New) A filter element comprising a dimensionally stable porous ceramic formed body with a porous membrane layer over the ceramic formed body and an interior that forms a space for unfiltered fluid or a filtrate space and a dimensionally stable sintered porous catalyst body in the interior of the formed body, wherein the catalyst body comprises catalyst material or material that is coated with catalyst material and the interior of the formed body includes an open flow channel.

22. (New) The filter element according to Claim 1, wherein the interior forms a filtrate space.

23. (New) The filter element according to Claim 21, wherein the interior forms a filtrate space.

24. (New) The filter element according to Claim 21, wherein the catalyst material comprises one or more oxides or mixed oxides of rare earths and/or one or more aluminates and/or of one or more silicates and/or one or more titanates or titanium dioxides.

25. (New) The filter element according to Claim 21, wherein the catalyst material comprises calcium aluminate.

26. (New) The filter element according to Claim 21, wherein the catalyst material is modified with catalyst promoters.

27. (New) The filter element according to Claim 26, wherein the catalyst material is doped with catalytically active precious metals or non-precious metals.

28. (New) The filter element according to Claim 27, wherein the catalyst material is doped with platinum, palladium, rhodium, gold, silver, nickel, copper, manganese, vanadium, tungsten and/or cobalt.